

WHAT IS CLAIMED IS:

1. A resin gear comprising:
a rim having teeth on an outer periphery thereof;
a hub for receiving therein a driving shaft, one end portion of the hub having a key receiving portion for engaging a key of the driving shaft; and
a web extending in radial directions to connect said rim to said hub,
wherein said key receiving portion has a side wall for preventing relative rotation of the key to the hub, and a bottom wall for allowing the key and the hub from being positioned in directions parallel to the driving shaft, and
a portion of said web surrounding the hub and key receiving portion is arranged so as to be shifted from the bottom wall of the key receiving portion toward a contact portion in which the key contacts the side wall of the key receiving portion.
2. A resin gear as set forth in claim 1, wherein said contact portion is arranged between a plane, which includes one surface of said portion of said web, and a plane which includes the other surface of said portion of said web.
3. A resin gear as set forth in claim 1, wherein said contact portion is substantially arranged on a plane which includes the center of said portion of said web in thickness directions and which is parallel to said portion of said web.
4. A resin gear comprising:
a rim having teeth on an outer periphery thereof;
a hub for receiving therein a driving shaft,

one end portion of the hub having a key receiving portion for engaging a key of the driving shaft; and

a web extending in radial directions to connect said rim to said hub,

wherein said key receiving portion has a side wall for preventing relative rotation of the key to the hub, and

a contact portion, in which the key contacts the side wall of the key receiving portion, is arranged between a plane, which includes one surface of a portion of said web surrounding the hub and key receiving portion, and a plane which includes the other surface of said portion of said web.

5. A rotational power transmission member of a resin comprising:

an outside cylindrical portion;

an inside cylindrical portion which has an axial hole for receiving therein a driving shaft and which is arranged in the outside cylindrical portion, one end portion of the inside cylindrical portion having a key receiving portion for engaging a key of the driving shaft; and

a thin plate portion which extends in radial directions to connect the outside cylindrical portion to the inside cylindrical portion,

wherein said key receiving portion has a side wall for preventing relative rotation of the key to the inside cylindrical portion, and a bottom wall for allowing the key and the inside cylindrical portion from being positioned in directions parallel to the driving shaft, and

a portion of said thin plate portion surrounding the inside cylindrical portion and key receiving portion is arranged so as to be shifted from the bottom wall of the key receiving portion

toward a contact portion in which the key contacts the side wall of the key receiving portion.

6. A rotational power transmission member as set forth in claim 5, wherein said contact portion is arranged between a plane, which includes one surface of said portion of said thin plate portion, and a plane which includes the other surface of said portion of said thin plane portion.

7. A rotational power transmission member as set forth in claim 5, wherein said contact portion is substantially arranged on a plane which includes the center of said portion of said thin plate portion in thickness directions and which is parallel to said portion of said thin plate portion.

8. A rotational power transmission member of a resin comprising:

an outside cylindrical portion;

an inside cylindrical portion which has an axial hole for receiving therein a driving shaft and which is arranged in the outside cylindrical portion, one end portion of the inside cylindrical portion having a key receiving portion for engaging a key of the driving shaft; and

a thin plate portion which extends in radial directions to connect the outside cylindrical portion to the inside cylindrical portion,

wherein said key receiving portion has a side wall for preventing relative rotation of the key to the inside cylindrical portion, and

a contact portion, in which the key contacts the side wall of the key receiving portion, is arranged between a plane, which includes one surface of a portion of said thin plate portion surrounding the inside cylindrical portion and key receiving

portion, and a plane which includes the other surface of said portion of said thin plate portion.